

21. (New) An electric motor for a submergible pumping system, comprising:

a<sup>1</sup>  
a plurality of stator sections adapted to form a stator of a desired length, wherein each of the plurality of stator sections comprises a mechanically and electrical coupling to permit selective attachment to an adjacent stator section ; and

a rotor disposed within the plurality of stator sections.

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22. (New) The electric motor as recited in claim 21, wherein each of the plurality of stator sections is fluidicly coupleable to an adjacent stator section.

23. (New) The electric motor as recited in claim 21, wherein each of the plurality of stator sections comprises a plurality of conductive elements configured for engagement with a corresponding plurality of conductive elements in an adjacent stator section.